

Hammer mill can crunch 3,000 autos each week

By LOUIS CARTIER
Of The Press Staff

BELLEVILLE —Amidst the 25-foot high piles of compressed metal, broken castings and twisted automobile springs scattered over the 20-acres of the Huron Valley Steel Corp. near Belleville, stands the monster responsible for those heaps.

The machine is a huge car-crusher on Huron River Dr. near Haggerty Rd. that pulverizes scrapped, burnt-out automobiles and spits out compact wads of metal ready for the blast furnace.

In peak operation, the crusher, called a hammer mill, can handle 3,000 cars a week, according to Melvin Wallace, secretary and treasurer of the corporation. It was installed this spring.

Another officer of the corporation, John G. Sequin, said its four-month-old machine performs a more economical process than has been available.

"We can dump a whole car in the hammer mill, whereas before, with a smaller machine, we had to cut it down into halves or thirds or more," he said.

The amount of time and labor spent in that preliminary process was expensive, he said.

Sequin said the corporation's high quality process has increased the market for the junk dealers "that wasn't being tapped before."

Almost six million cars, roughly nine per cent of those operating in the United States today, were junked last year.

Many of these have ended up rusting in auto graveyards, because the process of turning them into usable scrap steel has been too expensive.

In addition to ridding the community of unsightly eyesores, the hammer mill chews up water heaters, bathtubs, radiators, stoves and countless other scrap items.

The Huron Valley Steel Corp. whose offices are in two long, white trailers at the main entrance to the complex, sells pig iron, used in the manufacture of engine blocks, crankshafts and other cast iron parts.

It supplies the Chrysler Corp., Kelsey-Hayes and a number of foundries throughout the state.

To cast the "pig" a few of the corporation's 100 employees

add coke and limestone to the pure, rough-edged wads of scrap metal that are spewed from the mill's jaws.

The load then is hoisted and dropped into the belching flames of a 60-foot high, water-cooled blast furnace, and poured out as pig iron.

It follows that the purer the scrap, the principal element in the charge, the purer will be the finished product, to meet the ever-increasing standards of foundries and auto plants.

This is where the "monster" comes in.

"From an average 2,000-pound junker," said John G. Sequin, director of sales, pointing to the charred and filthy hulk of a 1952 Plymouth, "we can get about 80 per cent of it back in usable, ferrous scrap."

The key step in the fragmentizing process lies in the crushing blows of 30 hammers weighing about 250 pounds each, revolving around huge shafts at about half the speed of a .38 caliber bullet.

Huron Valley's big, red monster can swallow a complete car body, rumbling slowly down a sloping chute, and reduce it to particles ranging from 3/4 inch to four inches long in less than a minute.

While the rusty hulk is being torn to shreds under the monster's hammers, the resulting noise approaches deafening proportions.

Surprisingly enough, however, there is no escaping smoke in the operation. Only the dirt and dust from the paint and rust rise from the mouth of the machine in a dark, sooty column.

Another inclined belt, sloping upward to dump its cargo of metal in wide, pyramiding piles, carries the pulverized scrap from the machine.

Before the belt deposits its load, however, a four-foot revolving drum magnet selects only the ferrous elements and brushes the rest off to the side.

The hammers strike with such force inside the machine, that all paint and rust is shaken

from the metal, also any plastic, rubber, aluminum and glass that may have been part of the junker.

It is all these non-ferrous properties that are shunted to another heap.

Mindful of the vacant lots, fields and backyards people often use as burial grounds for junked cars, Sequin said Huron Valley "would be happy to take junkers from individuals as well as large firms."

He cautioned that the individual must have proper title or have filed for a title with the Secretary of State's office before the corporation will take his car.

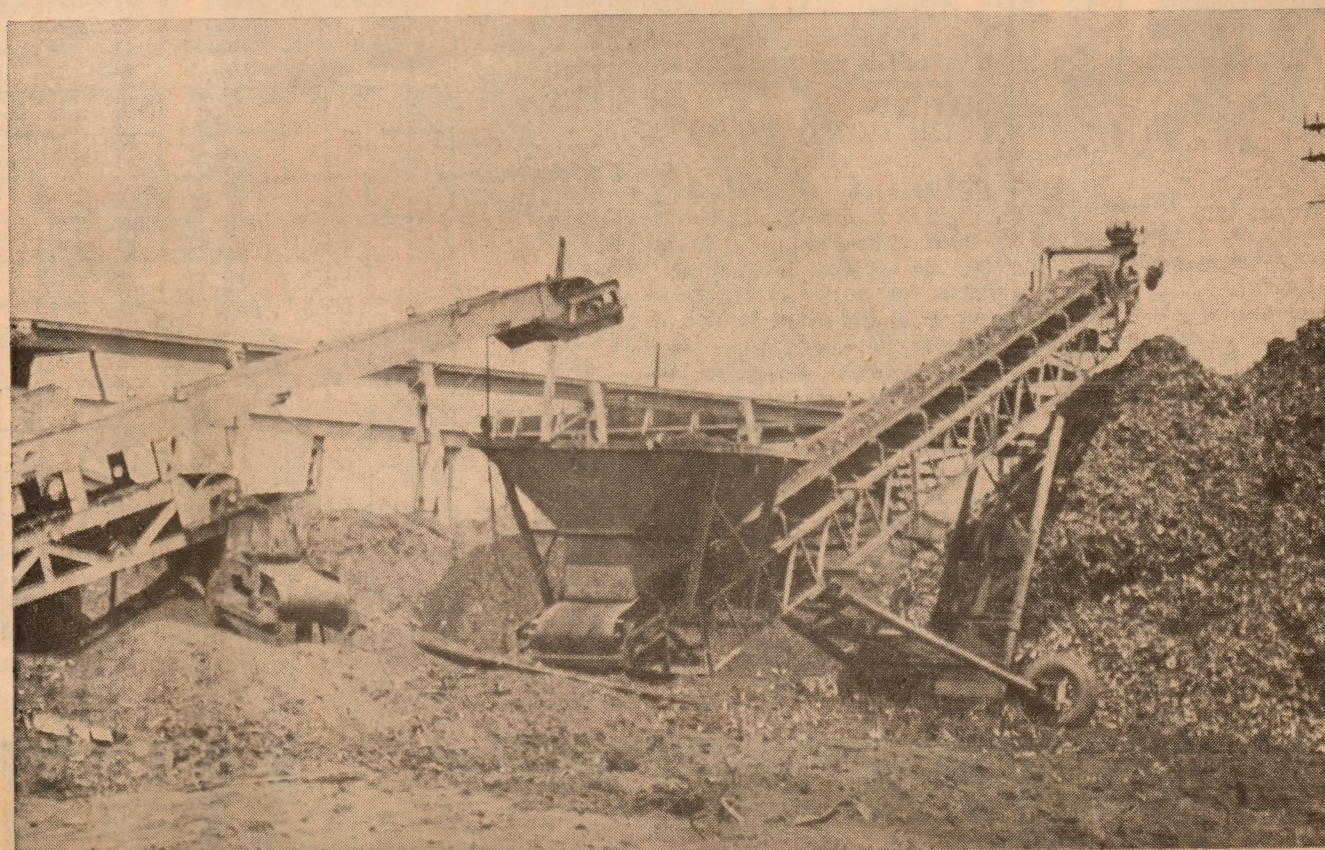
In the laboratory, a direct reader spectrometer does a quantitative analysis on iron samples in 52 seconds.

Sitting in a straight-backed chair after a tour of the grounds, Sequin didn't apologize for the plain office.

"If it means putting our money in equipment or new offices, we'll choose the equipment everytime."



A workman stands away from the crunching jaws of the hammer mill, a "monster" that chews up 2,000-pound cars and spits them out in four-inch pieces.



Dual conveyor belts dump the fragmented pieces of metal which, less than a minute before, made up the fenders, doors and trunk lid of a scrapped car. —Press Photos



DEAR ABBY

Opinion surveys confuses girl

By ABIGAIL VAN BUREN

DEAR ABBY: My brother, who just came back from the Navy, told me that he and some of his buddies were sitting around talking about what kind of girls they wanted to marry. And 9 out of 10 said they wanted "nice, pure" girls.

But what puzzles me is this: I just finished my sophomore year at college, and some of us girls were sitting around the sorority house talking about what kind of men we wanted for husbands, and almost all the girls said they wanted an "experienced" man. This doesn't add up. Or does it? —FRANKLY PUZZLED

DEAR PUZZLED: Regardless of what they say, in their hearts, decent men or women prefer other decent men or women when it comes to marriage. "Experience" can mean emotional maturity, proper motivation and sureness of purpose in a man, and not necessarily "skill through practice" in the art of love-making. If it doesn't

berish that would puzzle anybody. Including me.

DEAR ABBY: My husband is a professional man and I know that he is attractive. I handle all the social arrangements. My problem is what to do about women who telephone my husband at his office on the pretense that they can't reach me at home.

My husband is a good, trustworthy man and when this happens he asks me to return the lady's call, and when I do she seems so crestfallen. I know that some women use this to get next to somebody else's husband, but how does a wife combat it? —JUST THE WIFE

DEAR WIFE: She doesn't. She lets her husband field the wild ones.

DEAR ABBY: How can I make my older sister realize that she is robbing herself and her husband of the joys of parenthood? They have been married for 11 years and are still

the problem is my sister. She is so modest she won't even have a chest X-ray taken.

Shouldn't someone talk to her about it? She is 33 and her husband is 36 and they aren't getting any younger. She keeps saying, "One of these days I may go to a doctor." What do you think? —YOUNGER SISTER

DEAR SISTER: I think that when your sister becomes sufficiently concerned and eager to have a family, she will go to a doctor with no coaching from the sidelines.

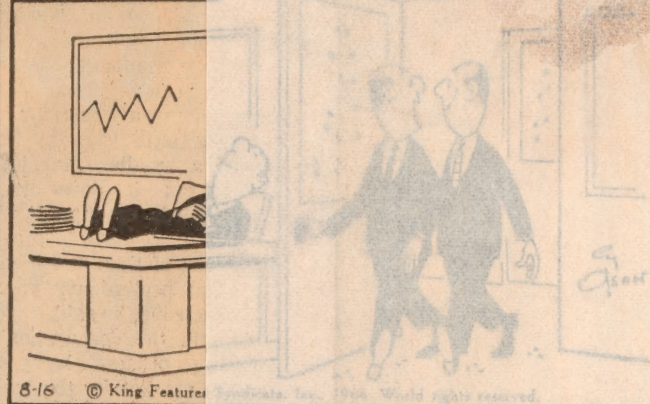
DEAR ABBY: My mother says that you are the one I should write to because if you put this in your column a lot of people might see it and change their ways.

I am 12 years old. My father is a waiter in a very well-known restaurant. He has always been a waiter. Could you please tell people that when they sneak out of a restaurant without paying their check, the waiter who



"Nag you? When did I nag you? Go on, tell me! How do I nag you? When? Nag you? Tell me, how?"

OFFICE HOURS



"I want you to meet our new sales manager. He's the ambitious, go-getter type we've been looking for."

YOUR HEALTH

By DR. L. L. COLEMAN

Learn to save a life

Readers constantly ask for a description of mouth-to-mouth resuscitation. The detailed description needs an actual demonstration to prove how simple this emergency procedure can be.

The gratification in knowing that you have been responsible for the saving of a life is unlimited and more than compensates for the time it takes to learn.



Trudy

DATE-LINE

By ELL and WALT DULANEY

Dear Ell and Walt: I don't need advice. I'm just writing this to help other girls who feel the way I used to about drinking.

Last night I went to a dance but before going, three other girls and I drank up at my house. We did it so we could really "feel good" at the dance. We're good kids and don't do this regularly, but we don't think it's wrong, either. At least, I didn't think so until last night.

When we got to the dance, I looked pretty cheap, even though they'd been drinking, too. One guy told me, "You've shattered my image of you!" And another said, "Why did you do it? You're too nice a girl to act like this."

I felt bad enough after those two comments, so you can imagine how I felt when my boy friend walked in unexpectedly. If you could have seen the look in his eyes, you'd know I'm serious when I say, "Never again!" He didn't really get mad at me, he was just so hurt and embarrassed that I'd do such a stupid thing. I really let him down, and I'd do anything to have the last 24 hours back and act differently. So, please print this in the hope that at

least one girl will read it and kiss Nancy! Do you think that it's right for him to kiss another girl, when he's scared to death to hold my hand? —A Girl

Dear Ell and Walt: Yesterday I went to the movie with my girl friends. My boy friend and his friends sat with us. They would not hold my hand, but the other boys told him to. For the second half of the movie he said he was going to sit with Todd, a boy in his room. A little later Todd came back and said Kim didn't like me any more. So I went to the lavatory crying.

When I came back to the movie I saw my ex-boy friend time. —Ell and Walt

Dear Girl: It certainly sounds as if more was happening off-screen than on!

Face it: at your age friends do a lot of interfering in one another's romantic life. One group pushed Kim to hold your hand. Isn't it just as likely that a second group dared him into the kissing scene?

In any case, study the difference between "my boy friend" and "a boy I like." It seems you jumped the gun this time. —Ell and Walt

DAILY CROSSWORD

ACROSS

1. Dalmatian
3. Jackdaws
9. Of the arm
10. Theater attendant
12. Additional
13. Full of substance
14. Metallic chemical element
16. Foot light
17. Hawaiian bird
18. Journey
20. Canadian province
21. Foremost house
24. Tidy
26. Perceives
28. Glossy
31. Narrative
33. Whirlpool
34. Exclamation
36. Navigate
38. Peach State
39. Ingredient in a recipe
41. Kind of paralysis
44. Arrive at
45. Lark
47. Kind of musical comedy
48. Lifting device
49. Ovule
50. Places

DOWN

1. Soldier's shelter
2. Singing voice
3. King or queen
4. Characteristic
5. Mannequin
6. Mother of Peer Gynt
7. Word of inquiry
8. American writer and painter
9. Thin and watery
11. Cease
13. Coated vase
19. Wren
22. News
23. Another word
25. Man's neck
27. Cat
29. Turnings
30. Backpacks
32. Labium
34. Frau's spouse
35. S-shaped moldings
37. Endures
40. Bestowed
42. Astringent fruit
43. Slight color
46. Hint



Belleville Civil Service plan sent to commissioners

BELLEVILLE — A letter from the Michigan Municipal League outlining the establishment of a civil service program plan was referred to Belleville's three civil service commissioners for study last night.

The letter, from Eugene F. Berrodin, manager of personnel and services division of the league, offered two plans.

One, costing \$600, would provide continuous service by the commission in setting up job classifications and testing procedures.

The other would deal with the individual jobs and testings in the city as they occur and would cost \$350.

"The second plan is more of a tailored one," said City Clerk Irwin W. Stech, "and we seem to think it's best suited for our needs."

Assistant City Clerk Jane Baumdraher explained that Belleville municipal employees work under a plan comparable to what civil service would provide with the exception of an insurance program and paid holidays.

Council last night also set a public hearing—Nov. 7 at 8 p.m.—on the rezoning of some land in Section 27 west of the junior high school between Owen and Spencer Rds. from single to multiple unit dwellings.

In other matters, the council proclaimed Nov. 2 Junior Study Club Day. The study club is a branch of the General Federation of Women's Clubs and aids the needy. It will hold a fund-raising card party at Belleville Junior High School Nov. 2.

City Clerk Stech announced that the city's trash contractor, Edsel Beaudrie, has agreed to begin pickup of bulky and heavy items on special trash pickup days beginning today and continuing on the next three Tuesdays.

John R. Mason was high bidder on the city's 1955 Dodge Pickup truck at \$130, and Elmer E. Weinkouf bought the city's 1947 Centaur tractor with a high bid of \$93.45.

In final action, council members gave approval to Michigan Bell to replace three telephone poles on Liberty St. between Second and Third.

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